Control Series—Published Quarterly—November Issue, 1939—No. 172

Commercial Fertilizers, Commercial Feeds AND Agricultural Liming Materials

REPORT OF VITAMIN D ASSAYS

STATE INSPECTION SERVICE
Controlled by
UNIVERSITY OF MARYLAND
College Park, Md.

Entered at College Park (Md.) Post Office as Second Class Matter.

VITAMIN D ASSAY—1939

This bulletin contains the results of tests conducted on shipments of vitamin D supplements sold in Maryland during 1939 for poultry and live stock consumption. Twenty-six brands, representing products of eighteen firms, are included.

The number (1) following a brand name indicates the sample was collected and assayed during the first six months of 1939. The number (2) indicates collection and assay during the last six months of 1939.

The assays were made by the Association of Official Agricultural Chemists' chick method. In the column headed "Result of Test," the notation "Guarantee sustained" signifies that the sample was found to contain the number of units per gram which was specified in the guarantee for that product. The respective guarantees are shown in the column headed "Guaranteed A. O. A. C. units per gram." The notation "Guarantee not sustained" signifies that the sample was found to contain less than the guaranteed number of A. O. A. C. units per gram.

RESULTS OF THE ASSAY OF SAMPLES OF VITAMIN D CARRIERS DURING 1939

Manufacturer	Brand Name	Guarantee A. O. A. C. Chick Units Per Gram	Result of Test
The Atlantic Supply Company Baltimore, Maryland	Atlantic Supply Company Cod Liver Oil, Destearinated[1]	85	Guarantee sustained
"	Atlantic Supply Company "Finest" Medicinal Cod Liver Oil[2]	85	Guarantee sustained
G. E. Conkey Company Cleveland, Ohio	Conkey's Y-O[1]	20	Guarantee sustained
Consumers' Import Company New York, N. Y.	De Luxe U. S. P. Cod Liver Oil[2]	100	Guarantee sustained
Ezl. Dunwoody Company Philadelphia, Pa.	Super X Cod Liver Oil[1]	85	Guarantee sustained
W. O. Fehling Philadelphia, Pa.	Vita-Clo Cod Liver Oil[1]	225	Guarantee not sustained
"	Vita-Clo Cod Liver Oil[2]	85	Guarantee sustained
The Fox Company Newfield, N. J.	Fox Special, U. S. P., Cod Liver Oil[1]	85	Guarantee sustained
Gunning and Gunning New York, N. Y.	Vi-Test "400" Fortified Cod Liver Oil[1]	400	Guarantee sustained
"	Vi-Test "100" God Liver Oil[1]	100	Guarantee sustained
Chas. L. Huisking & Company, Inc., New York, N. Y.	Vitamine Brand Fortified Cod Liver Oil[1]	400	Guarantee not sustained
"	Vitamine Brand Cod Liver Oil[1]	125	Guarantee sustained
British Cod Liver Oil Producers (Hull) Ltd., By: W. J. Wardall,	Sol-Vi-Ax Cod Liver Oil[1]	100	Guarantee sustained

Gunning and Gunning New York, N. Y. "	Vi-Test "400" Fortified Cod Liver Oil		
	Vi-Test "100" God Liver Oil[1]	100	Guarantee sustained
Chas. L. Huisking & Company, Inc. New York, N. Y. "	Vitamine Brand Fortified Cod Liver Oil[1]	400	Guarantee not sustained
	Vitamine Brand Cod Liver Oil[1]	125	Guarantee sustained
British Cod Liver Oil Producers (Hull) Ltd., By: W. J. Wardall, Trustee of Estate of McKesson and Robbins, Inc. New York, N. Y.	Sol-Vi-Ax Cod Liver Oil[1]	100	Guarantee sustained
	Sol-Vi-Ax, Non-destearinated Cod Liver Oil[2]	100	Guarantee sustained
Napthole, Inc. Boonton, New Jersey	Vitand[1]	400	Guarantee not sustained
National Oil Products Company, Harrison, N. J.	Nopco XX[1]	400	Guarantee not sustained
Pratt Food Company Philadelphia, Pa.	Pratts Vitamin Tested Cod Liver Oil[2]	85	Guarantee sustained
Seaboard Supply Company Philadelphia, Pa.	Seaboard Cod Liver Oil[2]	85	Guarantee sustained
Silmo Chemical Company Vineland, N. J. "	Silmo XX[1]	400	Guarantee sustained
	Silmo Poultry D[2]	85	Guarantee sustained
E. R. Squibb & Sons New York, N. Y. "	Exadol[1]	400	Guarantee sustained
	Exadol[2]	400	Guarantee sustained
Swiftide Company Portland Maine "	Swiftide Pure Cod Liver Oil[1]	85	Guarantee sustained
	Swiftide Pure Cod Liver Oil[2]	85	Guarantee sustained
White Laboratories, Inc. Newark, N. J.	Clo-Trate[1]	400	Guarantee sustained
"	Clo-Trate[2]	400	Guarantee sustained
"	Clo-Trate "200"[2]	200	Guarantee sustained
"	Health Products Cod Liver Oil[1]	85	Guarantee sustained
Whitmoyer Laboratories, Inc. Myerstown, Pa. "	Five X Concentrate[1]	425	Guarantee sustained
	Whitmoyer's Quality Cod Liver Oil[2]	85	Guarantee sustained

[1] Sample collected and tested January to June 1939.
[2] Sample collected and tested July to December 1939.